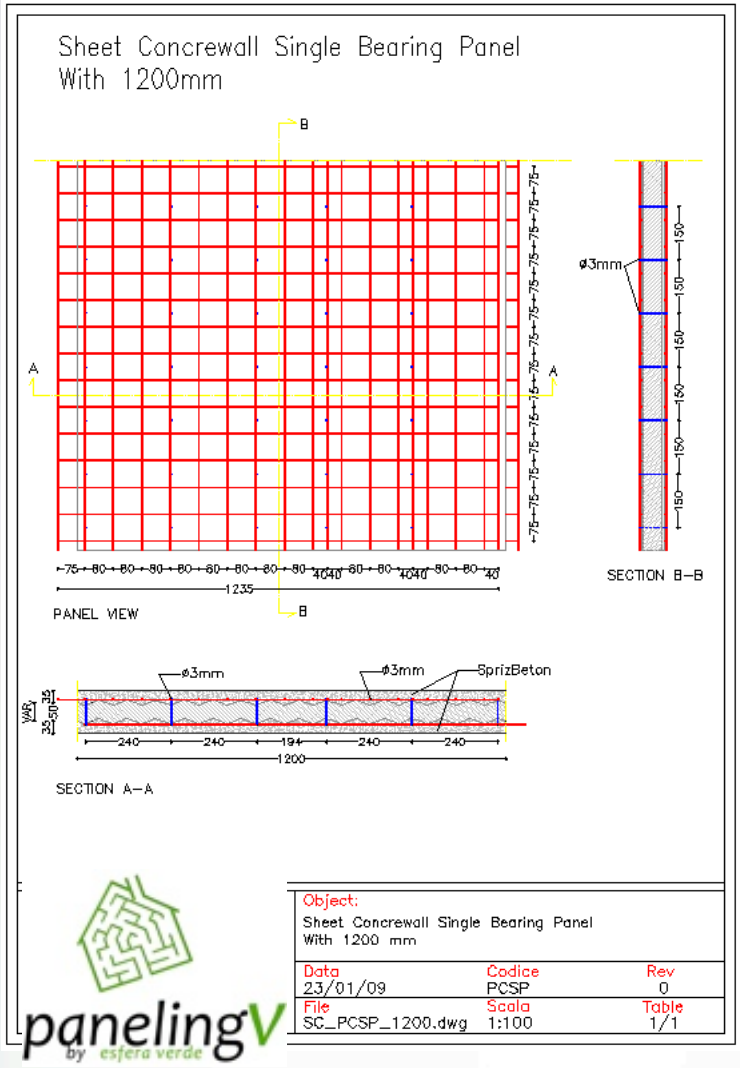
Aut. Duarte Km 13.5, calle Isabel Santana, Santo Domingo Oeste, Rep. Dom
Tel. 809 338 3733 80933(VERDE)
www.miesferaverde.com

Sistema Paneling

esfera verde
construcción ligera

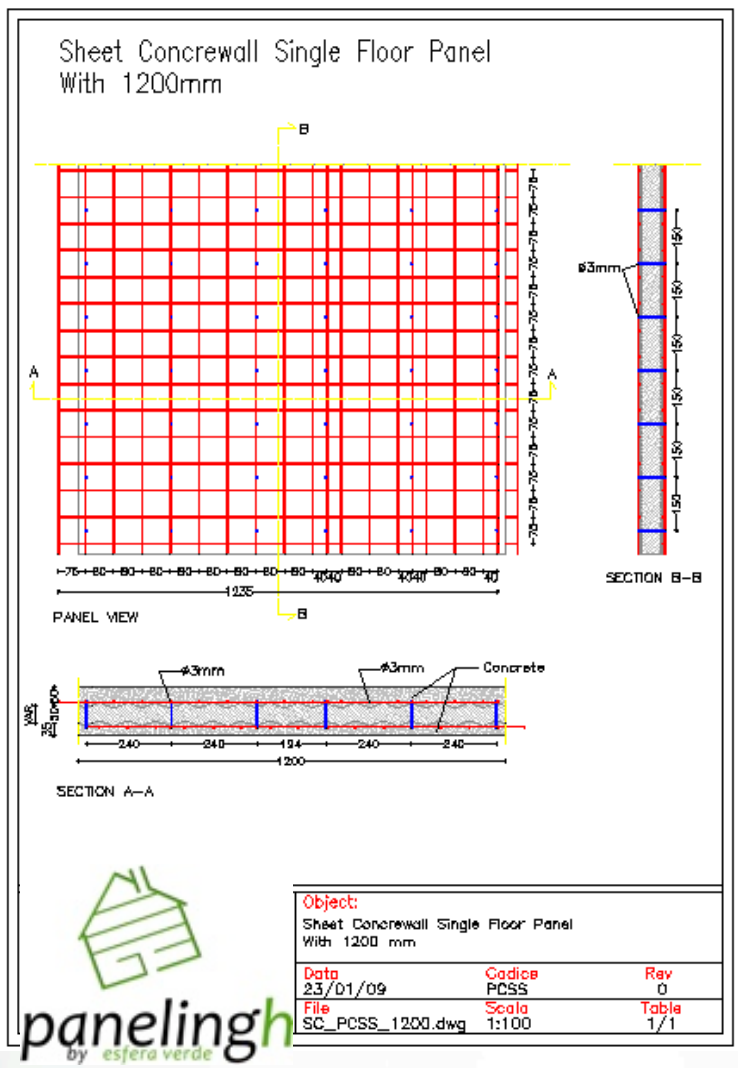
Panel Simple Muro



Ex sample

CODE	testo	PCSP05	
POLYSTYRENE WITH	cm	120	
MESH WITH	cm	123,5	
MAXIMUM LEGHT	cm	900	
POLYSTYRENE DENSITY	kg/m^3	15	
POLYSTYRENE THICKNESS	cm	5	
DISTANCE BETWEEN THE MESHES	cm	6,5	
EXSTERNAL PLASTER THICKNESS	cm	3,5	measured middle thickness to halves the wave
INTERNAL PLASTER THICKNESS	cm	3,5	measured middle thickness to halves the wave
VERTICAL WIRES DIAMETER	*mm*	*3*	
HORIZONTAL WIRES DIAMETER	mm	3	
VERTICAL WIRES NUMBER	*n*	*19*	
HORIZONTAL IRON STEP	cm	7,5	
CONNECTOR DIAMETER	mm	3	
CONNECTOR NUMBER	n	1	
CONNECTOR STEP	cm	15	
NUMBER OF FILE OF CONNECTORS	n	6	
NUMBER CONNECTOR FOR m^2	n/m^2	33	
CONNECTOR LEGHT	cm	7,7	distance between the mesh + (2 x diam. Horizontal wires) + (2 x diam. Vertical wires)

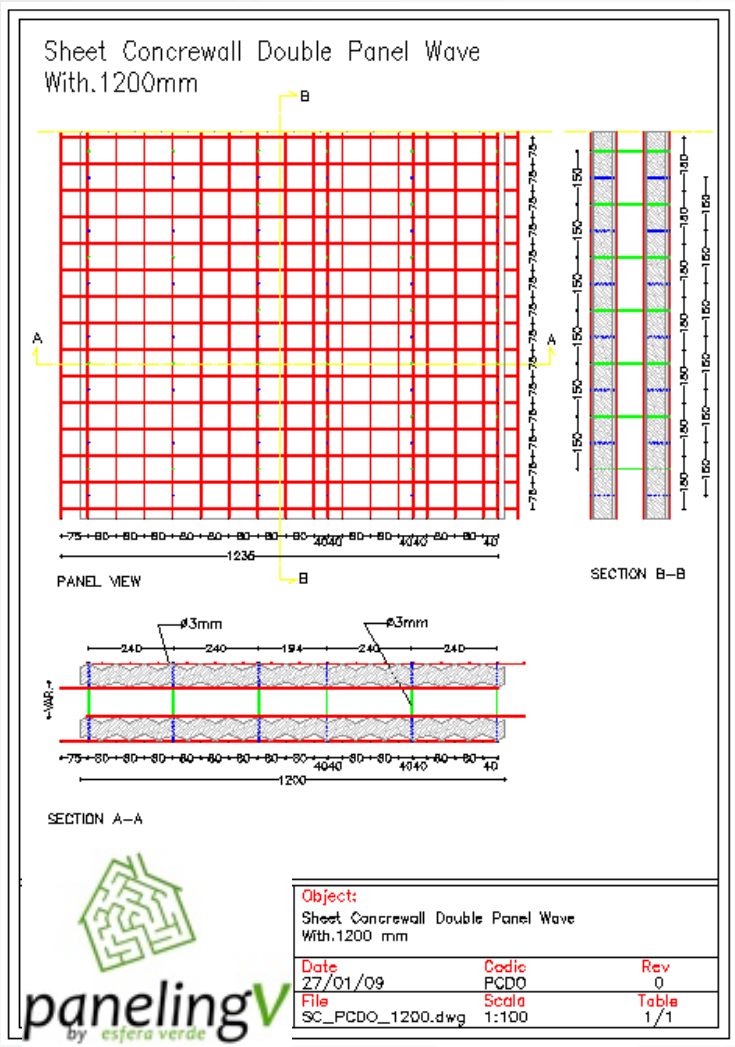
Panel Simple Losa



Ex sample

CODE	testo	PCSS05	
POLYSTYRENE WITH	cm	120	
MESH WITH	cm	123,5	
MAXIMUM LEGHT	cm	900	
POLYSTYRENE DENSITY	kg/m^3	15	
POLYSTYRENE THICKNESS	cm	5	
DISTANCE BETWEEN THE MESHES	cm	6,5	
SUPERIOR CONCRETE THICKNESS	cm	5	measured middle thickness to halves the wave
INFERIOR CONCRETE THICKNESS	cm	3,5	measured middle thickness to halves the wave
VERTICAL WIRES DIAMETER	*mm*	*3*	
HORIZONTAL WIRES DIAMETER	mm	3	
VERTICAL WIRES NUMBER	*n*	*19*	
HORIZONTAL IRON STEP	cm	7,5	
CONNECTOR DIAMETER	mm	3	
CONNECTOR NUMBER	n	1	
CONNECTOR STEP	cm	15	
NUMBER OF FILE OF CONNECTORS	n	6	
NUMBER CONNECTOR FOR m^2	n/m^2	33	
CONNECTOR LEGHT	cm	7,7	distance between the mesh + (2 x diam. Horizontal wires) + (2 x diam. Vertical wires)

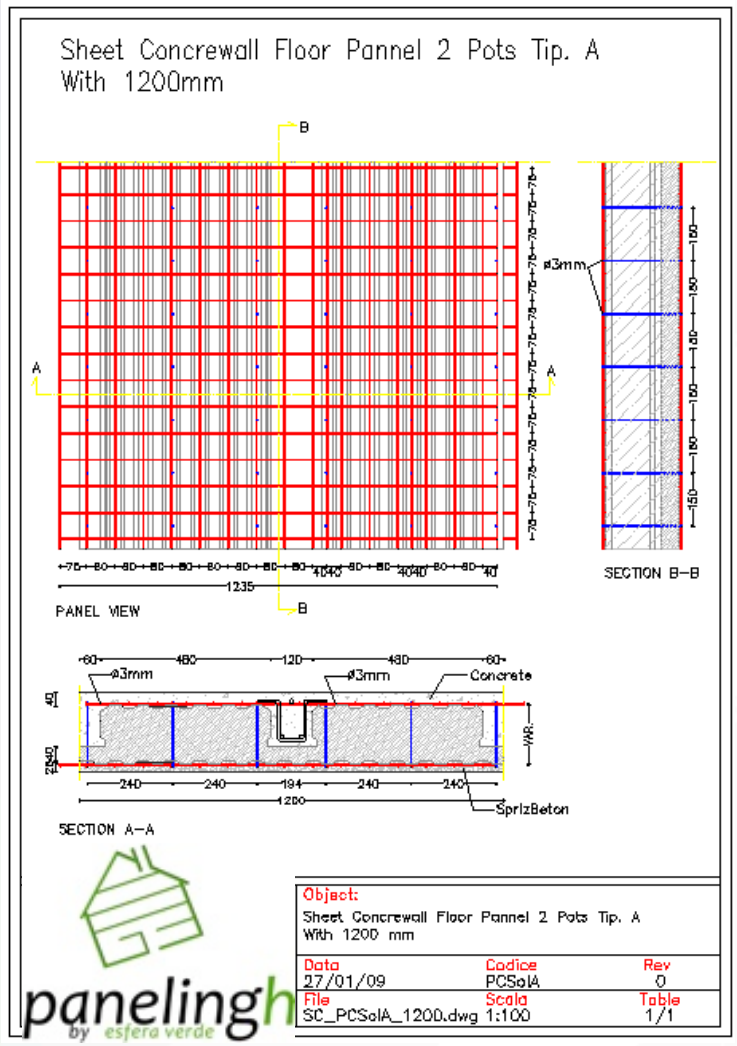
Panel Doble Muro



Ex sample

CODE	testo	PCD10
POLYSTYRENE WITH	cm	120
MESH WITH INTERNAL	cm	120
MESH WITH EXTERNAL	cm	123,5
MAXIMUM LEGHT	cm	600
POLYSTYRENE EXSTERNAL DENSITY	kg/m^3	25
POLYSTYRENE INTERNAL DENSITY	kg/m^3	25
CONCRETE THIKCNESS	cm	10
POLYSTYRENE THICKNESS EXSTERNAL	cm	5
POLYSTYRENE THICKNESS INTERNAL	cm	5
EXSTERNAL PLASTER THICKNESS	cm	2,5
INTERNAL PLASTER THICKNESS	cm	2,5
VERTICAL WIRES DIAMETER EXSTERNAL MESH	mm	3
ORIZONTAL WIRES DIAMETER EXSTERNAL MESH	mm	3
VERTICAL WIRES NUMBER EXSTERNAL MESH	n	19
HORIZONTAL IRON STEP EXSTERNAL MESH	cm	7,5
CONNECTOR DIAMETER EXSTERNAL MESH	mm	3
CONNECTOR NUMBER	n	1
CONNECTOR STEP EXSTERNAL MESH	cm	7,5
NUMBER OF FILE OF CONNECTORS EXSTERNAL MESH	n	6
NUMBER CONNECTOR FOR m^2	n/m^2	67
CONNECTOR LEGHT STEP EXSTERNAL MESH	cm	22,7
VERTICAL WIRES DIAMETER INTERNAL MESH	mm	5
ORIZONTAL WIRES DIAMETER INTERNAL MESH	mm	5
NUMBER OF FILE OF WIRES INTERNAL MESH	n	12
HORIZONTAL IRON STEP INTERNAL MESH	cm	15
CONNECTOR DIAMETER INTERNAL MESH	mm	3
CONNECTOR NUMBER INTERNAL MESH	n	1
CONNECTOR STEP INTERNAL MESH	cm	15
NUMBER OF FILE OF CONNECTOR INTERNAL MESH	n	6
NUMBER CONNECTOR INTERNAL MESH FOR m^2	n/m^2	33

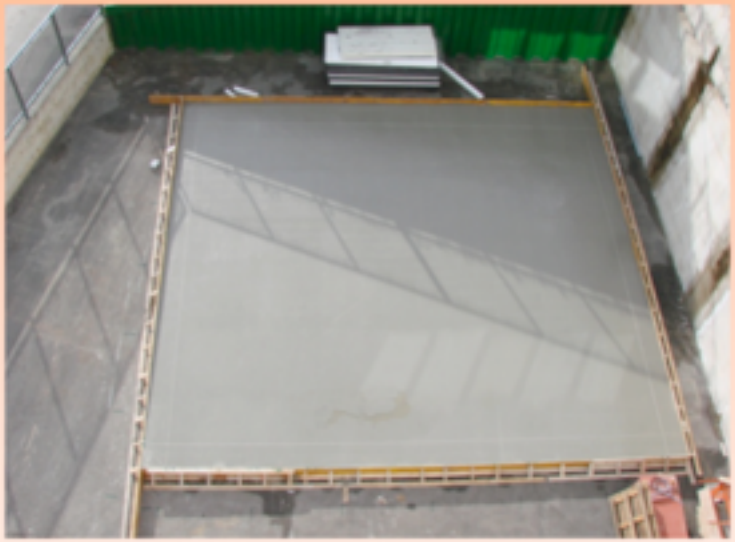
Panel Doble Losa



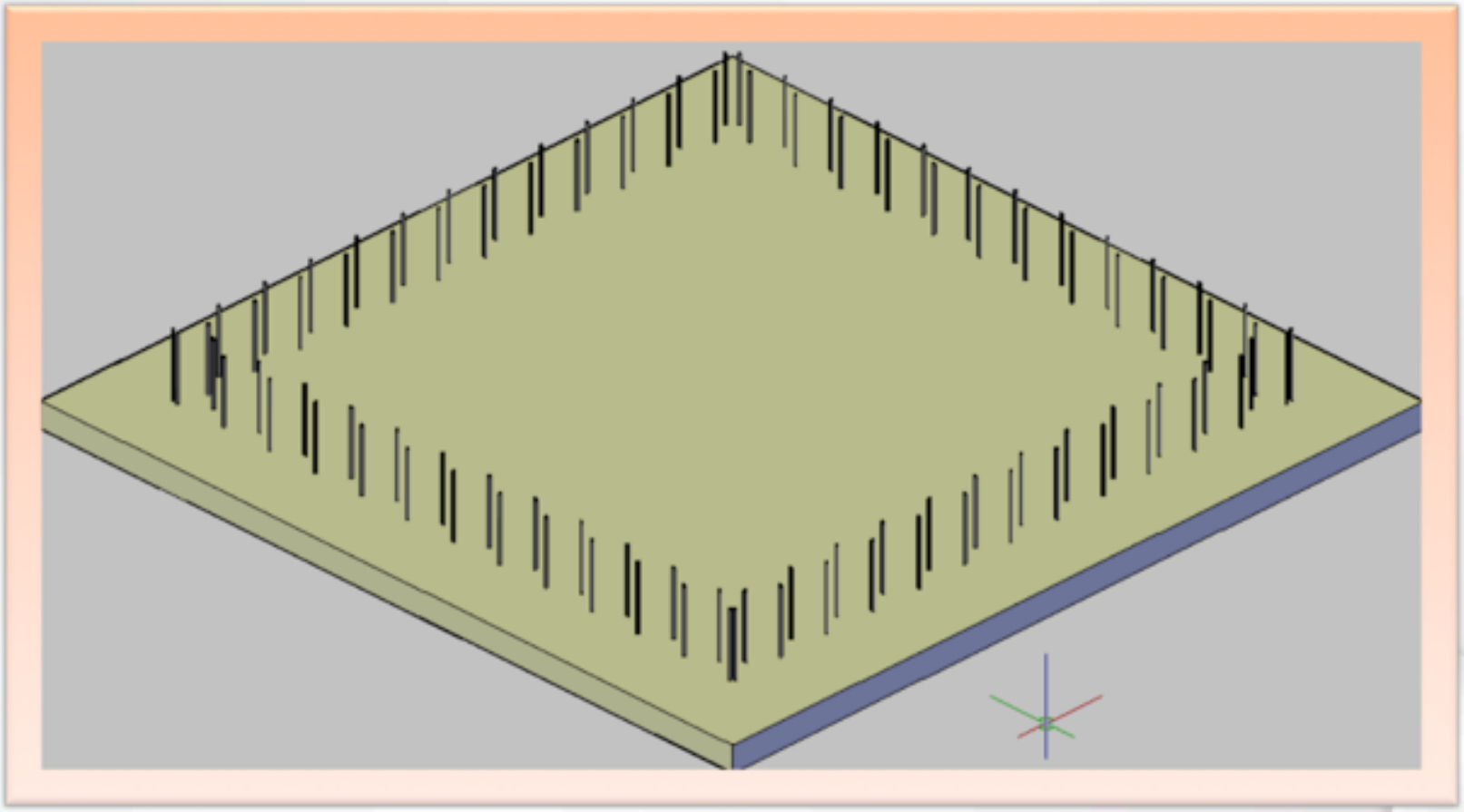
Ex sample

CODE	testo	PCSol12A
POLYSTYRENE WITH	cm	120
SUPERIOR MESH WITH	cm	123,5
INFERIOR MESH WITH	cm	123,5
MAXIMUM LEGHT	cm	900
POLYSTYRENE DENSITY	kg/m^3	15
POT HEIGHT	cm	12
LOWER SLAB THICKNESS	cm	4
JOISTS WIDTH	cm	12
VERTICAL WIRES DIAMETER SUPERIOR MESH	mm	3
ORIZONTAL WIRES DIAMETER SUPERIOR MESH	mm	3
VERTICAL WIRES NUMBER SUPERIOR MESH	n	19
HORIZONTAL IRON STEP SUPERIOR MESH	cm	7,5
VERTICAL WIRES DIAMETER INFERIOR MESH	mm	3
ORIZONTAL WIRES DIAMETER INFERIOR MESH	mm	3
VERTICAL WIRES NUMBER INFERIOR MESH	n	19
HORIZONTAL IRON STEP INFERIOR MESH	cm	7,5
CONNECTOR DIAMETER	mm	3
CONNECTOR NUMBER	n	1
CONNECTOR STEP	cm	15
NUMBER OF FILE OF CONNECTOR	n	6
NUMERO CONNETTORI al m^2	n/m^2	33
NUMBER CONNECTOR FOR m^2	cm	17,6
SUPERIOR CONCRETE THICKNESS	cm	4
INFERIOR PLASTER THICKNESS	cm	2,5

Sistema Paneling

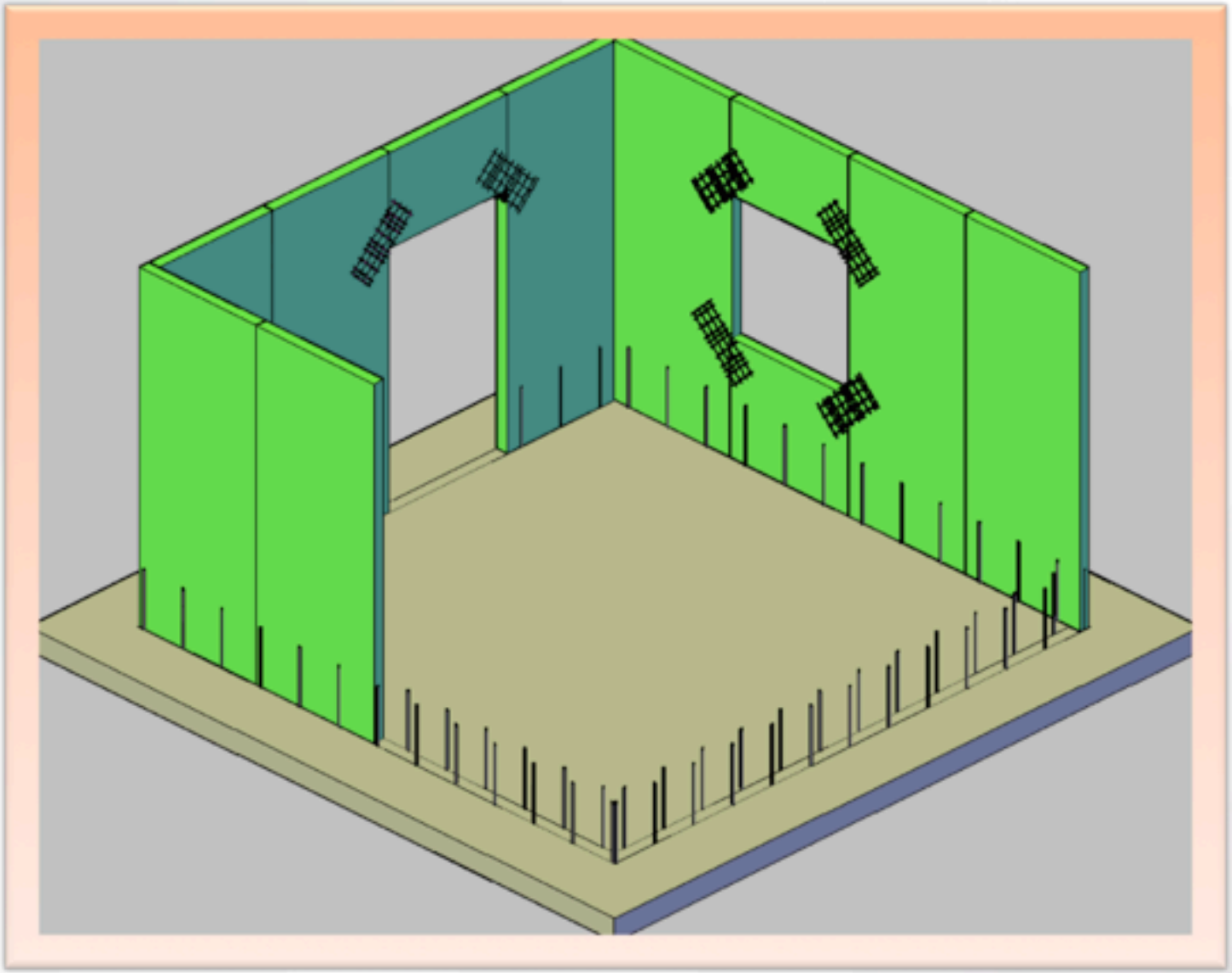


Sistema Paneling



Sistema Paneling

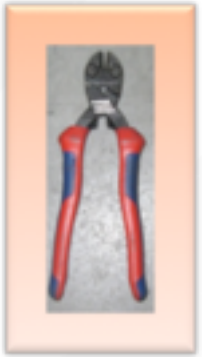
Sistema Paneling



Sistema Paneling

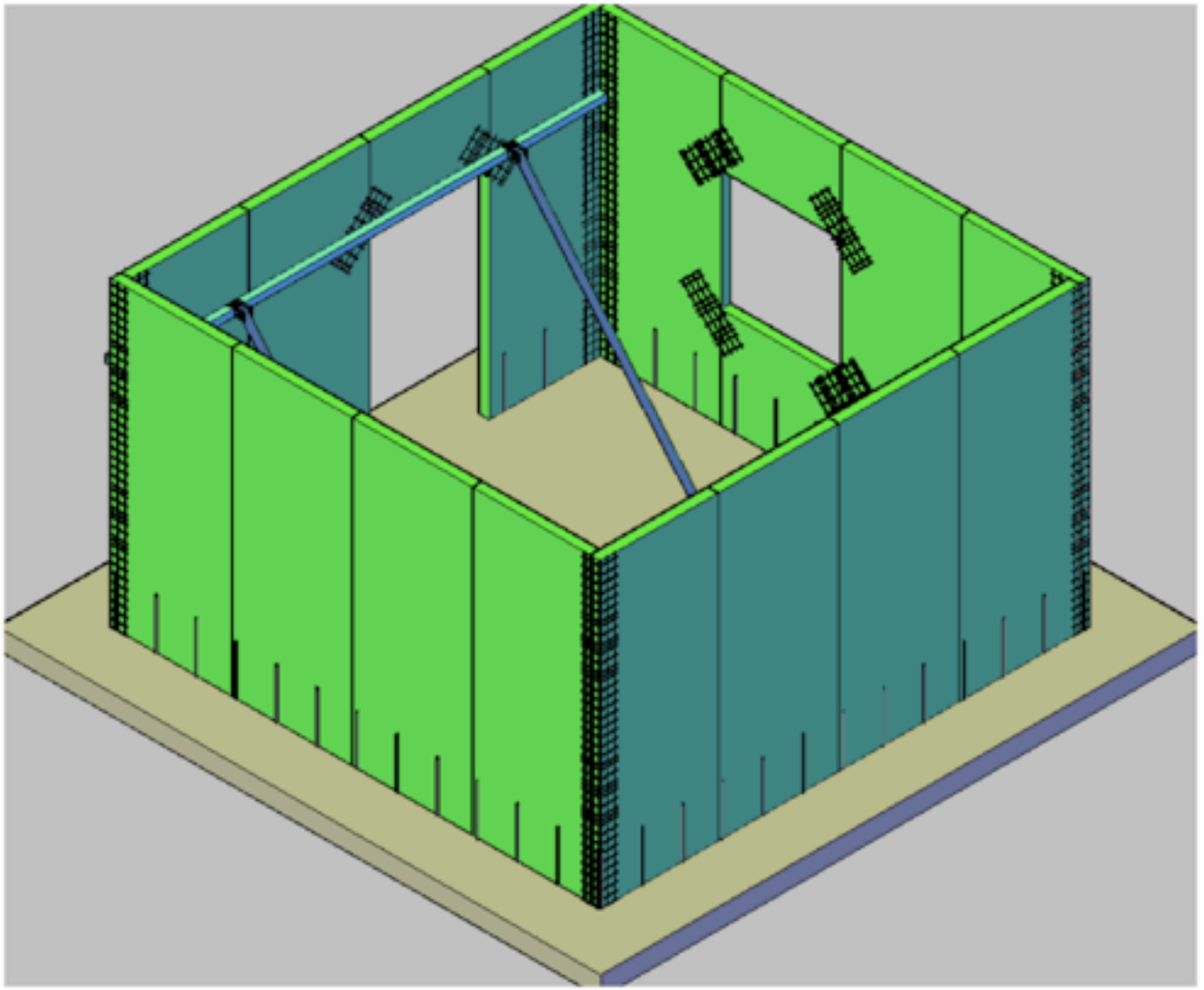
Sistema Paneling

Sistema Paneling



Sistema Paneling

Sistema Paneling



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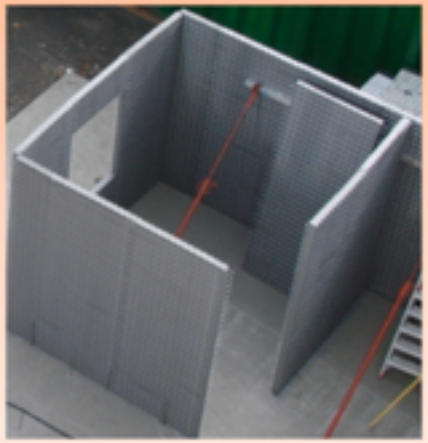
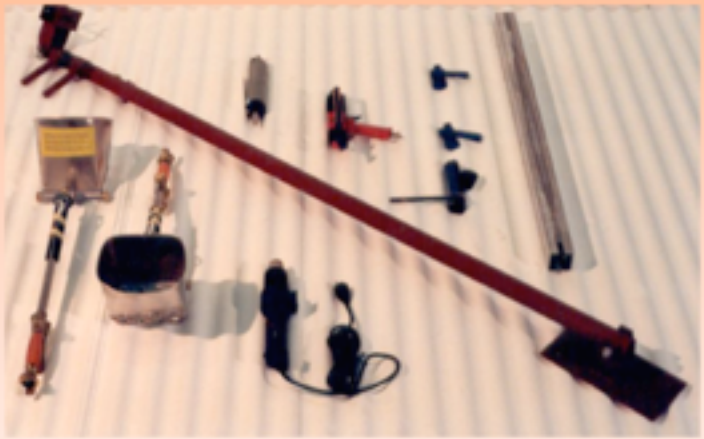
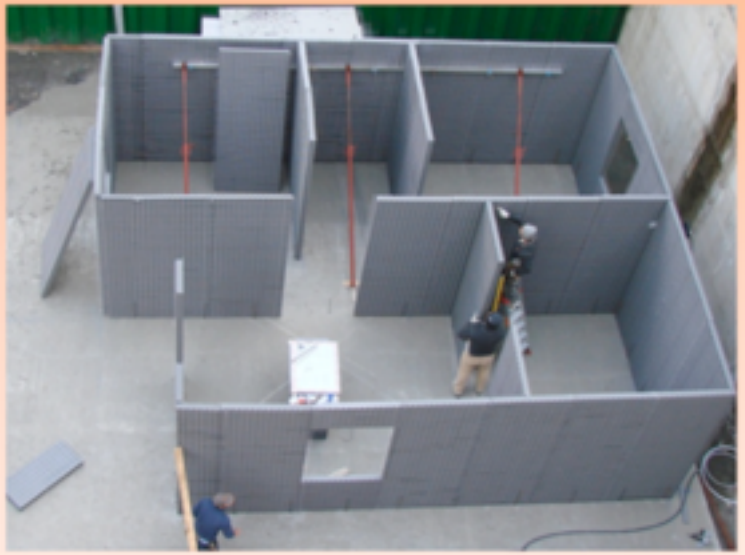
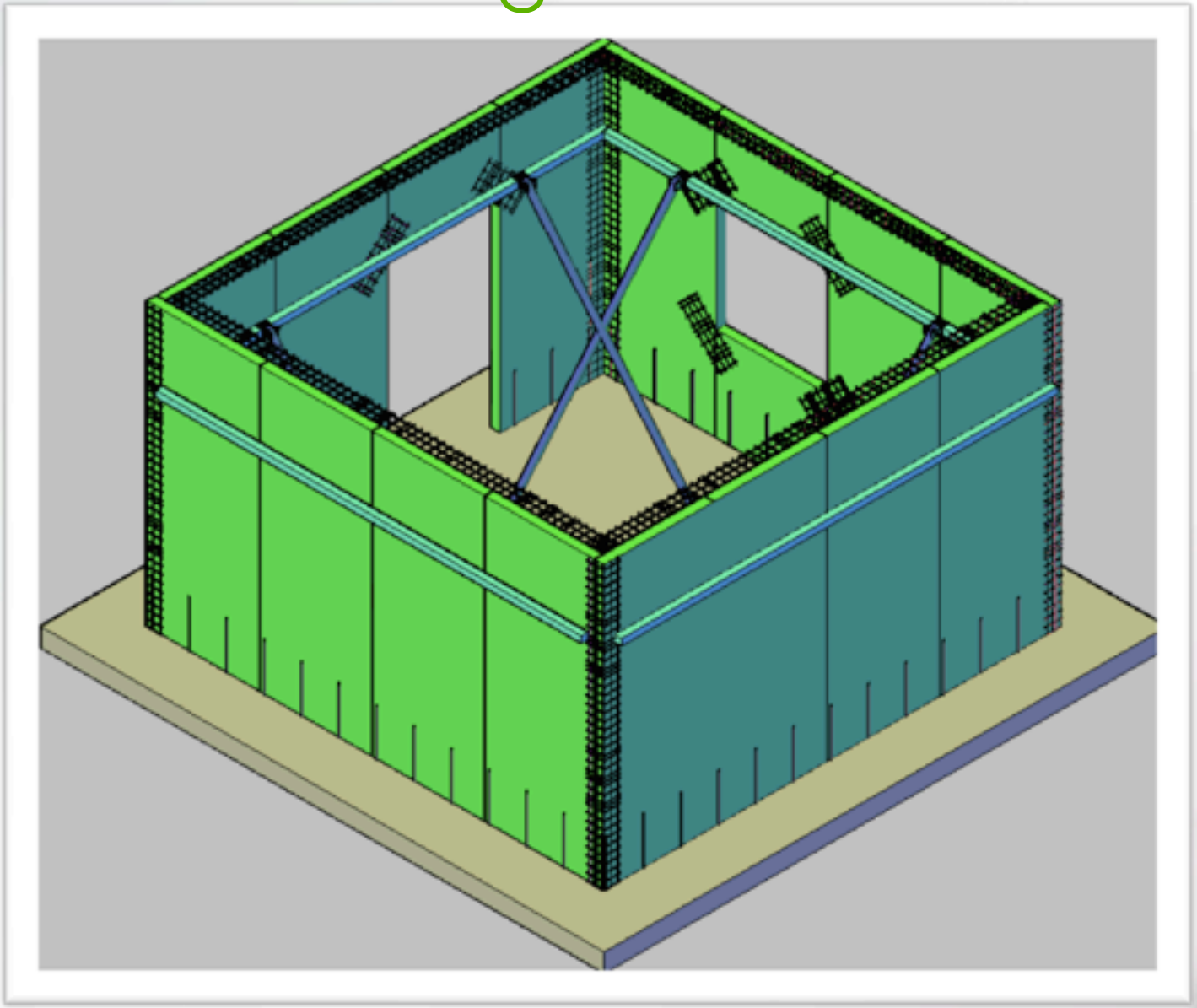






Sistema Paneling

Sistema Paneling



Sistema Paneling

El panel simple Concrewall como elemento portante se completa durante la puesta en obra aplicando sobre cada lado un revoque estructural de cemento y arena con un espesor de aproximadamente 3 cm. El panel así obtenido formará una placa de cemento armado con un alma de polistireno expandido. Este repello estructural tendrá una granulometría comprendida entre 0 e 5mm y una resistencia característica de por lo menos 200 ÷ 250 daN/cm^2 al variar el compromiso estructural del pannel (inútil requerir una resistencia elevada por ser una casa de una sola planta). La masa deberá tener una consistencia plástica S2 (asentamiento medido con el cono de Abrams inferior a 5cm).

Por cada metro cúbico de masa, la cantidad orientativa de cada uno de los materiales que componen la mezcla deberán ser los siguientes:

Cemento	350 kg
Inerte	1600 kg
Agua	160 litros

La cantidad de agua podrá variar en funcion de la humidad especifica del inerte; por cuanto el parámetro que deberá ser tenido constante es la trabajabilidad a tener para cuanto sobre indicado.

a/c ~ 0,52

i/c ~ 4,5

Los materiales inertes deben ser bien lavados, sin arcilla o sustancias orgánicas.

Eventuales problemas de trabajabilidad deben ser resueltos sin agregar agua y si recurriendo a los aditivos fluidificantes dosificados según las especificaciones del fabricante.

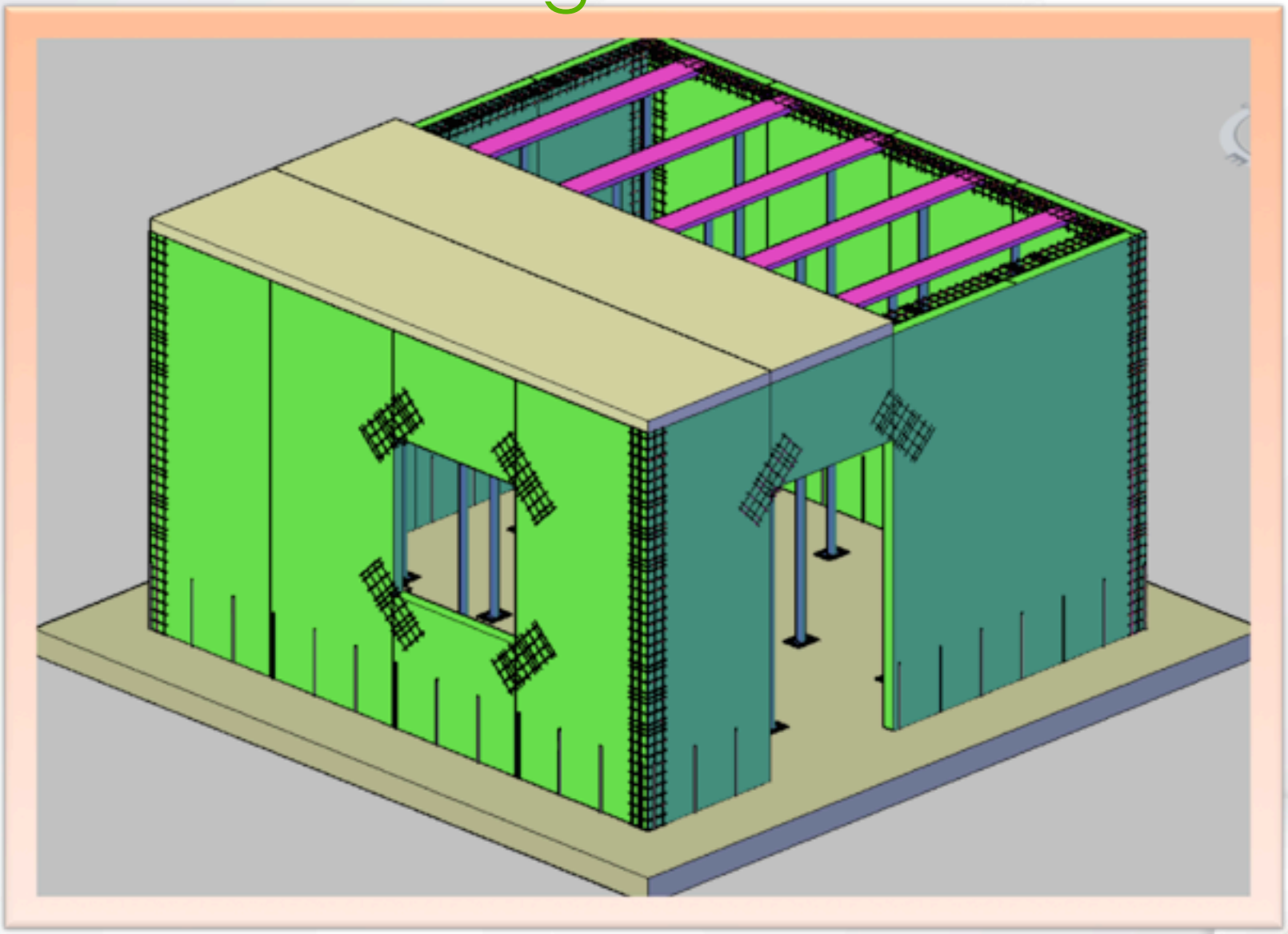
La formación de fisuraciones de retracción pueden ser evitadas también adicionando fibras de polipropileno a la pasta (un kg per m^3).

Sistema Paneling

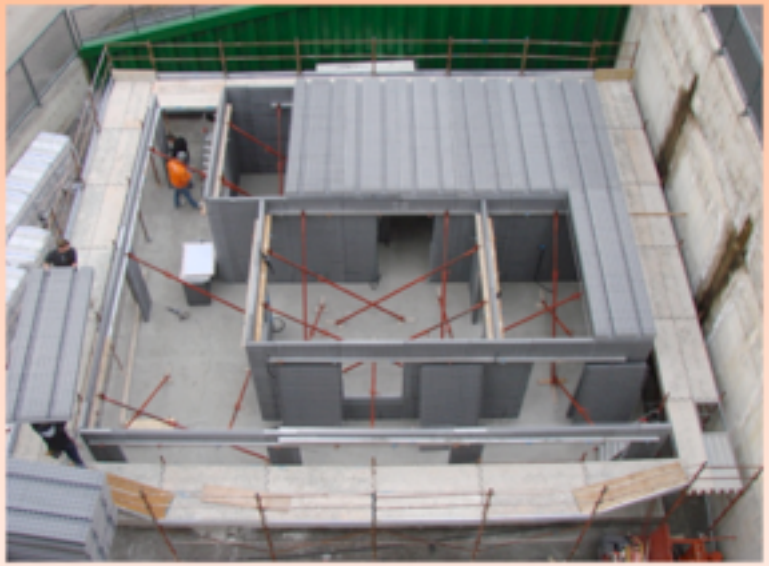
Sistema Paneling

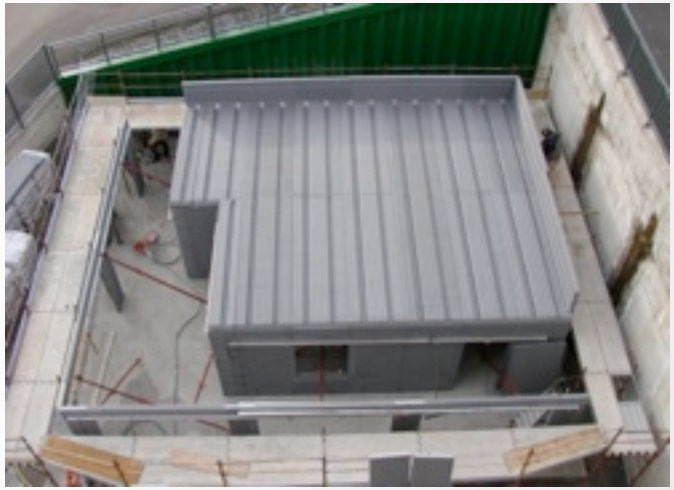
Potencia motor (HP)	Caudal de aire (Litros / min.)	Cantidad de gunitadoras
2 ½ a 4	350 a 400	1
5 a 6	600 a 700	2 a 3
6 a 10	900 a 1.000	3 a 4

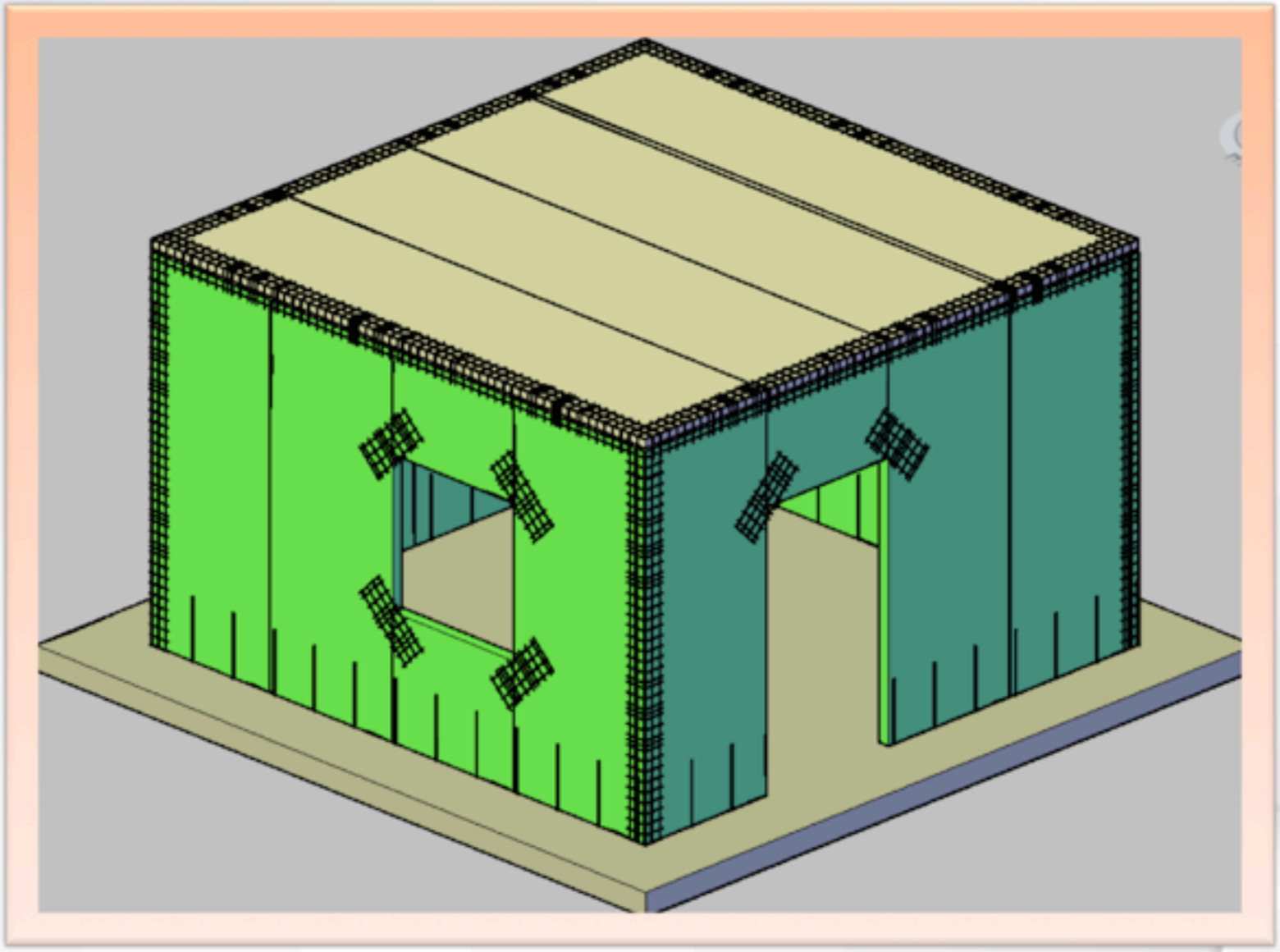
Sistema Paneling



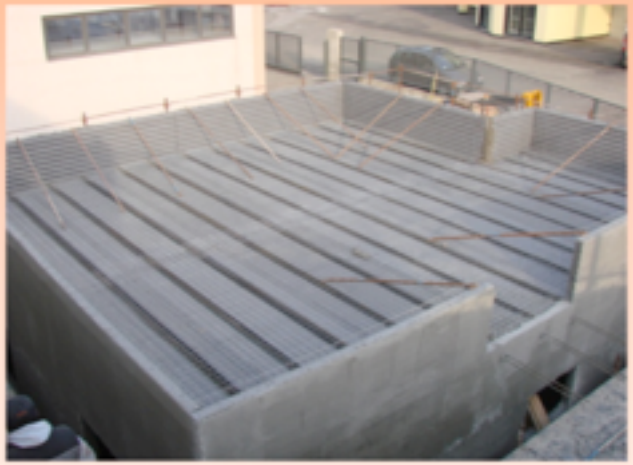
Sistema Paneling

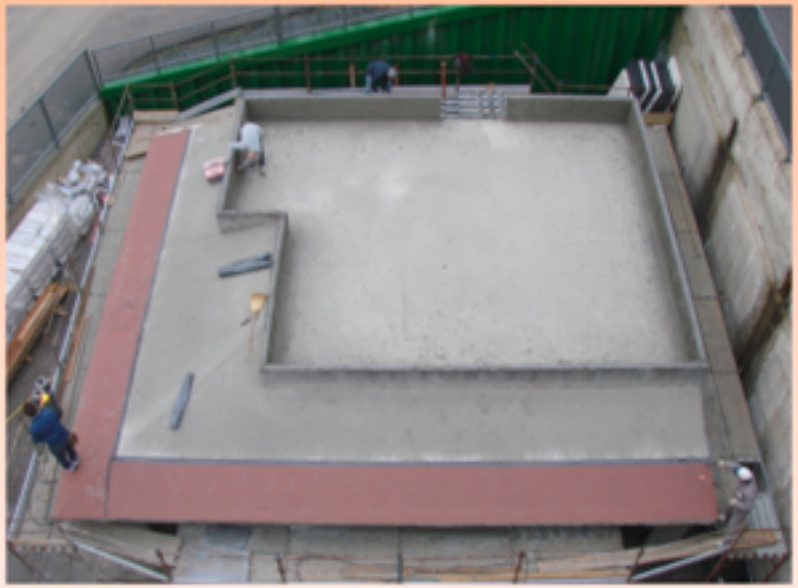






Sistema Paneling

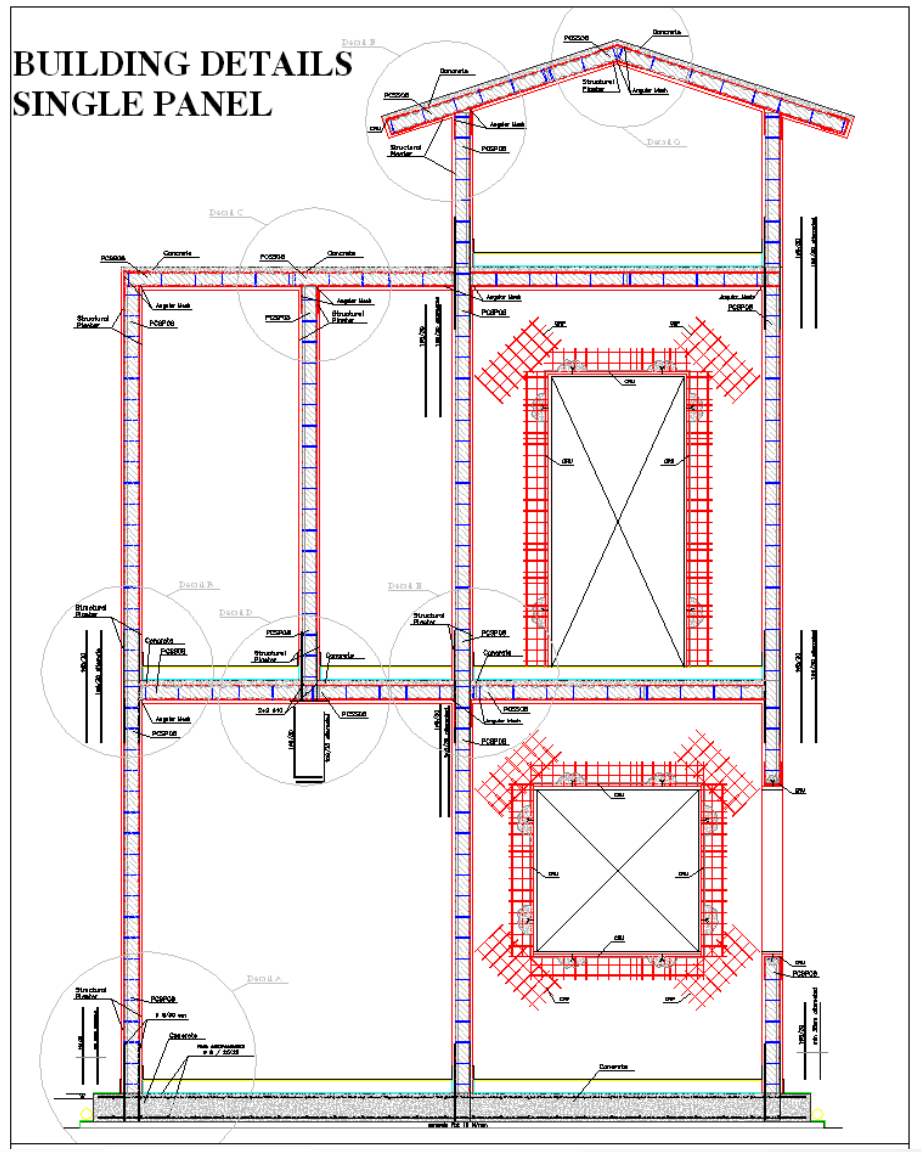




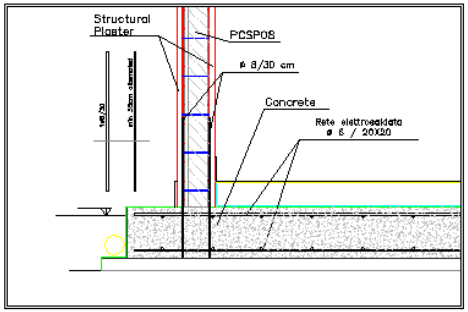
Sistema Paneling

Sistema Paneling

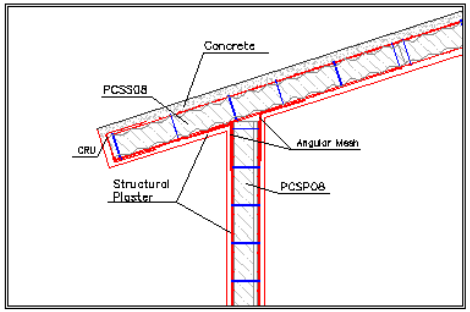
Detalles Constructuvos



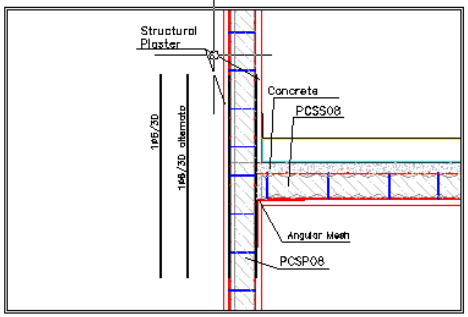
Vertical Section -Details A



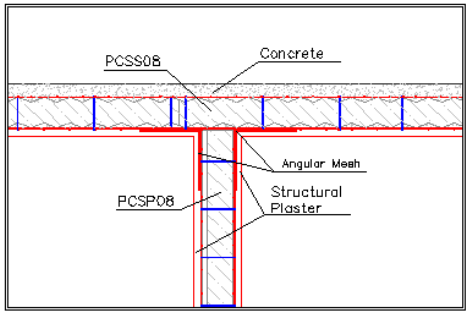
Vertical Section -Details F



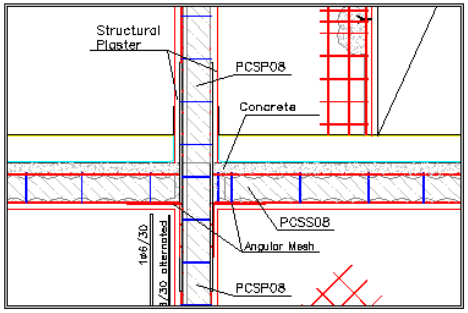
Vertical Section -Details B



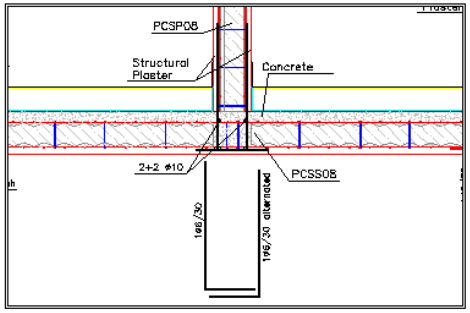
Vertical Section -Details C



Vertical Section -Details E

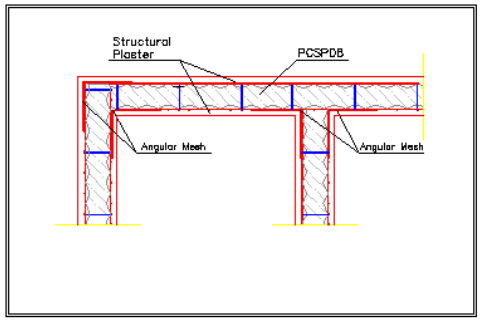


Vertical Section -Details D

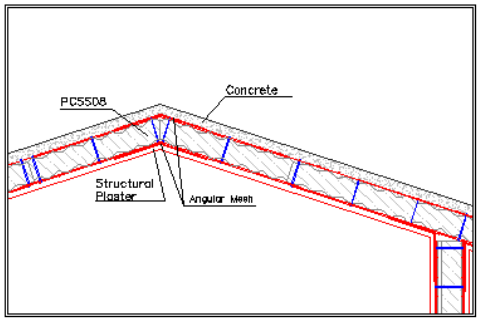


THE ABOVE-MENTIONED DIAMETERS AND PITCHES OF REINFORCEMENTS SHOULD BE CALCULATED ACCORDING TO THEIR LOAD-BEARING.
WHAT SHOWN IS ONLY USED AS AN EXAMPLE.

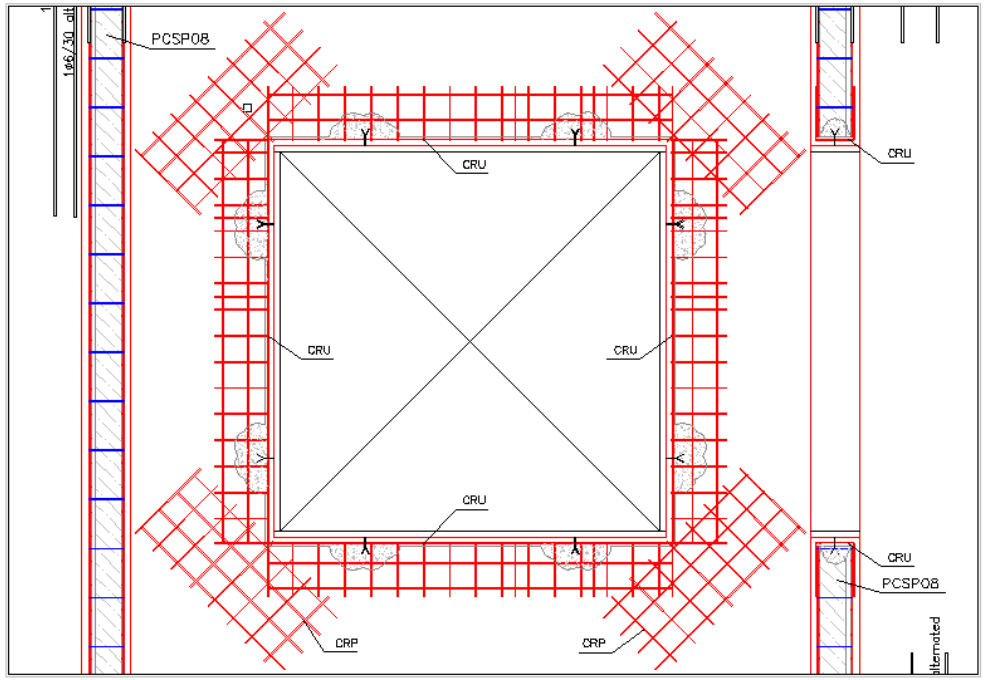
Horizontal Section -Details H



Vertical Section -Details G



Windows Detail



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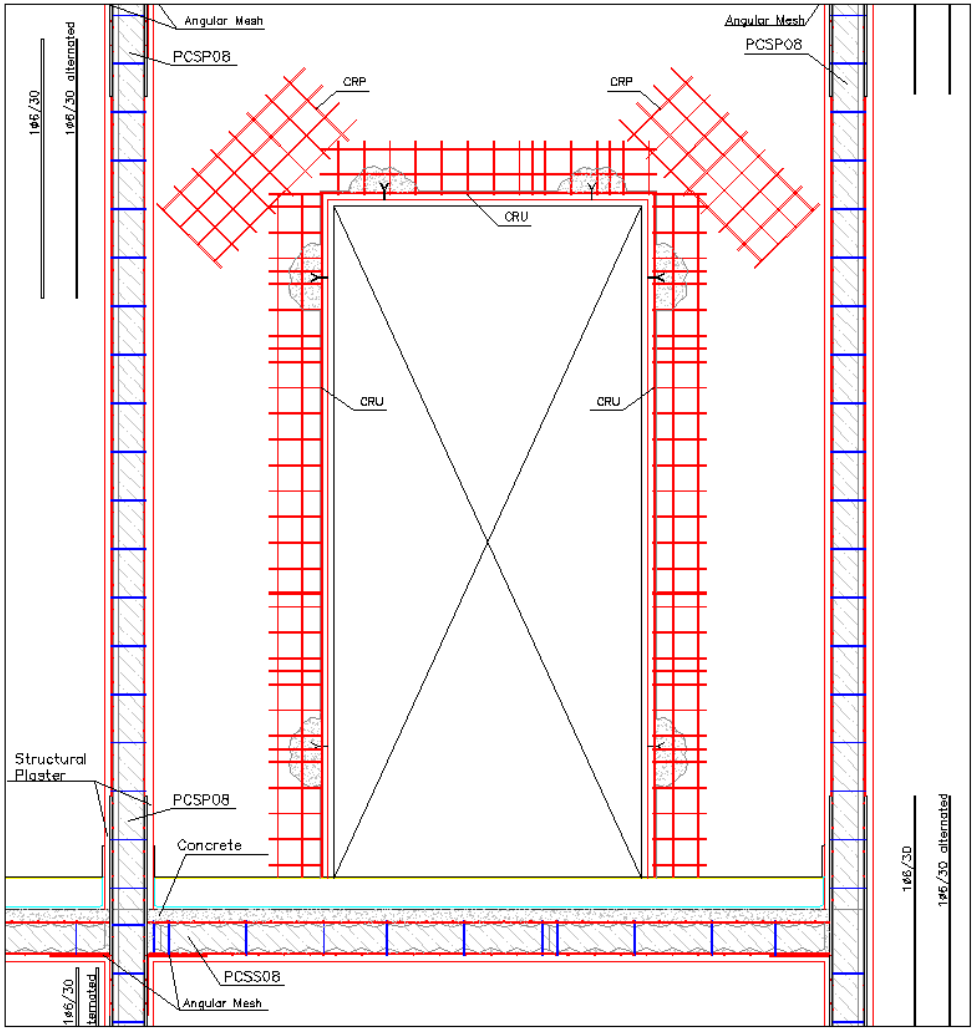
WHAT SHOWN IS ONLY USED AS AN EXAMPLE.

Doors Details



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WHAT SHOWN IS ONLY USED AS AN EXAMPLE.